BULLETIN

DE

L'ACADÉMIE POLONAISE DES SCIENCES

SÉRIE DES SCIENCES MATHÉMATIQUES, ASTRONOMIQUES ET PHYSIQUES

RÉDACTEUR EN CHEF: K. KURATOWSKI RÉDACTEUR DE LA SÉRIE: A. MOSTOWSKI

COMITÉ DE RÉDACTION DE LA SÉRIE:

K. BORSUK, W. IWANOWSKA, A. JABŁOŃSKI, W. RUBINOWICZ

VOLUME XVI

Le Bulletin de l'Académie Polonaise des Sciences est publié en Séries.

La présente Série comprend des communications du domaine de la mathématique, de l'astronomie et de la physique.

Lesdites sciences sont du domaine de la Troisième Classe de l'Académie Polonaise des Sciences.

La présente Série paraît mensuellement.

Les communications destinées à être publiées dans le Bulletin sont présentées à la Rédaction du Bulletin par les membres de l'Académie.

Le Bulletin est à obtenir par Przedsiębiorstwo Eksportu i Importu "Ruch"

Warszawa 10. Wilcza 46

Le prix du tome est de \$ 8.00, le prix d'un fascicule de \$ 0.75

Pour l'échange s'adresser au Centre de Distribution des Publications Scientifiques Warszawa, Palac Kultury i Nauki, Polska Akademia Nauk

> Adresse de la Rédaction: Warszawa, Pałac Kultury i Nauki

PRINTED IN POLAND

TABLE DES MATIÈRES DU VOLUME XVI

Mathématique

Logique et fondements

B. Weglorz, Limit Generalized Powers	. 449
M. Benda, Ultraproducts and Non-standard Logics	
N. C.A. da Costa et L. Dubikajtis, Sur la logique discursive de Jaśkowski	. 551
K. Wiśniewski, Weakened Forms of the Axiom of Choice for Finite Sets	. 615
J. Waszkiewicz and B. Weglorz, Some Models of Theories of Reduced Powers	. 683
A. Grzegorczyk, Logical Uniformity by Decomposition and Categoricity in X ₀	. 687
G. M. Wilmers, Some Properties of Constructible Models for Set Theory Related	
Elementary Equivalence	
M. Saade, A. Decision Problem for Finite Groupoids	
W. Rautenberg, The Elementary Archimedean Schema in Geometry and Some Applic	
tions	. 837
Théorie des ensembles	
R. Telgársky, Some Applications of the Natural Sum of Ordinals in Topology	. 1
Théorie des nombres	
	(2)
W. Narkiewicz, Divisibility Properties of Some Multiplicative Functions	. 621
William Bridge and the State of	
Algèbre	I ST Re
A. Białynicki-Birula, Remarks on Relatively Minimal Models of Fields of Genus 0.	II - 81
T. Traczyk, Prime Ideals in Generalized Post Algebras	. 369
J. Brzeziński, On Retatively Minimal Models of Fields of Genus 0	. 375
	. 559
Ph. Dwinger, Generalized Post Algebras	. 339
	. 747
Ph. Dwinger, Generalized Post Algebras	
Ph. Dwinger, Generalized Post Algebras	
Ph. Dwinger, Generalized Post Algebras	. 747
Ph. Dwinger, Generalized Post Algebras	. 747
Ph. Dwinger, Generalized Post Algebras	. 747
Ph. Dwinger, Generalized Post Algebras A. Goetz, and J. R. Senft, On the Structure of Normal Subdirect Powers Topologie M. Moszyńska, On the Splitting of Spaces A. Gmurczyk, On Approximative Retracts A. Granas, Fixed Point Theorems for the Approximative ANR-s	. 747
Ph. Dwinger, Generalized Post Algebras	. 747

K.	Goebel, On a Property of Lipschitzian Transformations	2
K.	Sieklucki, On Imbedding of Mappings	87
W.	. Holsztyński, Universality of Mappings onto the Producs of Snake-like Spaces. Relation	
	with Dimension	161
Z.	Frolik, Fixed Points of Maps of Extremally Disconnected Spaces and Complete	
	Boolean Algebras	269
	Engelking, Selectors of the First Baire Class for Semicontinuous Set-valued Functions	277
K.	Kuratowski, On the Completeness of the Space of Monotone Mappings and Some	
D	Related Problems	283
В.	Гольштынский, О продолжении отображений в сферу из одного слагаемого на счетную сумму	383
M	D. Green, A Syntopogenous Characterization of a Topological Group	457
	Lusztig, Sur les actions libres des groupes finis	461
	Krzyżewski, Note on Topological Entropy	465
R.	Telgársky, Total Paracompactness and Paracompact Dispersed Spaces	567
	Telgársky, Star-finite Coverings and Local Cimpactness	625
	Engelking, On the Double Corcumference of Alexandroff	629
K.	Geba, On the Homotopy Groups of $GL_c(E)$	699
	Гольштынский и С. Илиадис, Аппроксимация многозначных отображений	
	однозначными и некоторые приложения	765
	Bowszyc, Fixed Point Theorems for the Pairs of Spaces	845
	Weber, Deux remarques sur les plongements d'un AR dans un espace euclidien .	851
J.	J. Charatonik, Fixed Point Property for Monotone Mappings of Hereditarily Stratified	
	λ-Dendroids	931
	Analyse mathématique	
M.	Bhargava and H. Kaufman, Factorization of Polynomial Differential Operators	29
	Jasek, Complex Series and Connected Sets. III	33
R.	Taberski, On Double Bessel Series. I	37
J.		93
J.	Krzyż, On an Extremal Problem of F. W. Gehring	99
	Бжыхчы, О близости решений системы уравнений Прандтля и системы урав-	
	нений Навье-Стокса при малой вязкости	175
S.	N. Lal, On the Absolute Riesz Summability Factors of Power Series and Fourier Series	287
		387
R.	D. Ram, On the Uniform Nörlund Summability of Fourier Series and Its Conjugate	
	Series	
I.	Series	469
	Dziubiński, Quasi-starlike Functions	477
J.	Dziubiński, Quasi-starlike Functions	
J. L.	Dziubiński, Quasi-starlike Functions	477 481
L.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_3 - aa_2^2 $ in the Classes of Quasi-starlike Functions	477
L.	Dziubiński, Quasi-starlike Functions	477 481 573
L.	Dziubiński, Quasi-starlike Functions	477 481
L.	Dziubiński, Quasi-starlike Functions	477 481 573 575
L. L. D.	Dziubiński, Quasi-starlike Functions	477 481 573 575 577
L. L. D. B.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_a - aa_a^2 $ in the Classes of Quasi-starlike Functions Siewierski, Sharp Estimation of the Coefficients of Bounded Univalent Functions Near the Identity Przeworska-Rolewicz and S. Rolewicz, On Periodic Solutions of Non-linear Differential-difference Equations D. Malviya, On the Absolute Riesz Summability Factors of Fourier Series	477 481 573 575 577 635
L. L. D. B. P.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_a - aa_a^2 $ in the Classes of Quasi-starlike Functions Siewierski, Sharp Estimation of the Coefficients of Bounded Univalent Functions Near the Identity Przeworska-Rolewicz and S. Rolewicz, On Periodic Solutions of Non-linear Differential-difference Equations D. Malviya, On the Absolute Riesz Summability Factors of Fourier Series Antosik, Some Conditions for Mean Convergence	477 481 573 575 577
L. L. D. B. P.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_a - aa_a^2 $ in the Classes of Quasi-starlike Functions Siewierski, Sharp Estimation of the Coefficients of Bounded Univalent Functions Near the Identity Przeworska-Rolewicz and S. Rolewicz, On Periodic Solutions of Non-linear Differential-difference Equations D. Malviya, On the Absolute Riesz Summability Factors of Fourier Series Antosik, Some Conditions for Mean Convergence Lasota and Z. Opial, Fixed-point Theorems for Multi-valued Mappings and Optimal	477 481 573 575 577 635 641
L. D. B. P.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_a - aa_a^2 $ in the Classes of Quasi-starlike Functions Siewierski, Sharp Estimation of the Coefficients of Bounded Univalent Functions Near the Identity Przeworska-Rolewicz and S. Rolewicz, On Periodic Solutions of Non-linear Differential-difference Equations D. Malviya, On the Absolute Riesz Summability Factors of Fourier Series Antosik, Some Conditions for Mean Convergence Lasota and Z. Opial, Fixed-point Theorems for Multi-valued Mappings and Optimal Control Problems	477 481 573 575 577 635 641 645
L. D. B. P.	Dziubiński, Quasi-starlike Functions Gilewski and K. Urbanik, Generalized Convolutions and Generating Functions Siewierski, On the Maximum Value of the Functional $ a_a - aa_a^a $ in the Classes of Quasi-starlike Functions Siewierski, Sharp Estimation of the Coefficients of Bounded Univalent Functions Near the Identity Przeworska-Rolewicz and S. Rolewicz, On Periodic Solutions of Non-linear Differential-difference Equations D. Malviya, On the Absolute Riesz Summability Factors of Fourier Series Antosik, Some Conditions for Mean Convergence Lasota and Z. Opial, Fixed-point Theorems for Multi-valued Mappings and Optimal Control Problems Birkholc, A Proof of Mikusiński Theorem on Bounded Moments	477 481 573 575 577 635 641

A.	Lasota and C. Olech, On Cesari's Semicontinuity Condition for Set Valued Mappings	711
M.	Kuczma and H. Smajdor, Fractional Iteration in the Class of Convex Functions	717
J.	Ławrynowicz, Quasiconformal Mappings of the Unit Disc Near to the Identity	771
	Pych, Trigonometric Approximation of 2π-periodic Lipschitz Functions	779
	Antosik and J. Mikusiński, On Hermite Expansions	787
Z.	Charzyński and J. Śladkowska, Algebraic Functions and Analytic Variations of	702
7	Univalent Functions	793
J.		857 865
	Kritt, Spectral Decompostion of Positive and Positiv-definite Distributions of Operators H. Szafraniec, A Method of Localization of Implicit Functions	937
	H. Szafraniec, A Numerical Approach to a Localization Problem of Implicit Functions	943
	H. Szafraniec, A Method of Estimation for the Solution of Integral and Differential	743
*	Equations Depending on a Parameter	947
	Equations Depending on a farameter	741
	Équations différentielles	
Z.	Kowalski, A Difference Method for an Adiabatic Problem in Non-linear Parabolic	
	Equations	393
B.	Lawruk and S. Rolewicz, The Minimum Time Control Problem for a Certain Class	
	of Linear Parabolic Partial Differential Equations Controlled by the Boundary Condi-	
	tion	489
S.		795
Z.	Butlewski, La formule de Picone pour une équation aux différences finies	863
	Andrew Constitutible	
	Analyse fonctionnelle	
J.	Mikusiński, Weak Convergence and Strong Covergence in Some Spaces of Sequences	47
T.	Balaban, The Regularity Properties for a Certain Class of Pseudodifferential	4
20	Hyperbolic Operators	51
	И. Огиевецкий, Об областях эффективности регулярных матриц	103
	Słowikowski, Epimorphisms of the Adjoints to Generalized (LF)-spaces. Introduction	10
w.	Słowikowski, Epimorphisms of the Adjoints to Generalized (LF)-spaces. Sufficient Conditions	113
C	Bessaga, Negligible Sets in Linear Topological Spaces	117
	Banaschewski, An Algebraic Characterization of $C^{\infty}(\mathbb{R}^n)$	169
	Apostol, A Theorem on Invariant Subspaces	181
	Figiel, On Nonlinear Isometric Embeddings of Normed Linear Spaces	185
	Holsztyński, Linearization of Isometric Embeddings of Banach Spaces. Metric Enve-	
	lopes	189
R.	A. Hirschfeld and W. Żelazko, On Spectral Norm Banach Algebras	195
J.	Meder, Some Theorems on the Nörlund Summability of Orthogonal Series	201
J.	R. Retherford, Two Counterexamples to a Conjecture of S. Karlin	293
Z.	Kowalski, On the Difference Method for Certain Hyperbolic Systems of Non-linear	
	Partial Differential Equations of the First Order	297
Z.	Kowalski, On the Difference Method for a Non-linear System of Parabolic Differential	
	Equations without Mixed Derivatives	303
S.	Szufla, On the Existence of Solutions of an Ordinary Differential Equation in the Case	
	of Banach Space	311
J.	Musielak and W. Orlicz, Notes on the Theory of Integral. II	317
W.	M. Bogdanowicz and John N. Welch, Integration Generated by Orthogonal Volumes and Extensions of Orthogonal Volumes to Orthogonal Measures	401
D		495
R.	Metzier, A Characterization of Senn-Monter Spaces	170

W.	Bogdanowicz and B. Kritt, Vectorial Integration and Extensions of Absolutely Conti-	
	nuous Vector Volumes	497
	Foia ş and I. Suciu, On Operator Representation of Logmodular Algebras	505
	Skórnik, An Estimation of Fourier Coefficients of Periodic Distributions	581
I.	Ciorănescu, Sous-espaces invariants dans les espaces localement convexes	721
J.	Mikusiński, A Constructive Theory of Tempered Distributions	727
	Goebel, A Conicidence Theorem	733
	Matuszewska and W. Orlicz, A Note on Modular Spaces. IX	801
	Drewnowski and W. Orlicz, A Note on Modular Spaces. X.	809
	Kotkowski, Symmetric Spaces. I.	871
	Drewnowski and W. Orlicz, A Note on Modular Spaces. XI.	877
	Drewnowski and W. Orlicz, On Orthogonally Additive Functionals	883
В.	Kotkowski, Symmetric Spaces. II	951
	Calcul des probabilités	
K.	Urbanik, A Representation of Self-decomposable Distributions	209
D.	Szynal. La convergence en probabilité et la convergence presque sûre de certaines suites	
	de variables aléatoires dépendantes	889
D.	Szynal, Sur une extension du théorème de Marcinkiewicz-Zygmund	895
	Géométrie	
L.	Dubikajtis and H. Guściora, On a Certain Generalization of the Plane Laguerre	
	Geometry to the 3-dimensional Space	327
B.	Krakus, Any 3-dimensional G-space is a Manifold	737
	Géométrie différentielle	2
A.	H. Thompson, On Second Order Recurrent Space-times	121
	M. Roy Chowdhury, On Recurrent Spaces of Second Order	955
	Méthodes numériques	
	Дрыя, О равномерной сходимости схем с расщепляющимся оператором	125
R.	Zuner, Matrix Transformation Method of Approximate Solutions of Partial Differen-	
	tial Equations	587
M.	Altman, Bilinear Programming	741
	Statistique	
W.	Oktaba, Tests of Hypotheses for the Fixed Model Non of Full Rank	409
	Machines numériques	1 .
Z.	Grodzki, On the Equivalence of Markov Normal Algorithms	333
	Dembiński, On the Notion of the Machine Instructions	415
	Kwasowiec, Simultaneous Automata	511
	Czyżo and A. W. Mostowski, An Algorithm for Generating Free Distributive Lattices	593
J.	Nowak, Certain Construction of Finite Automata	815
	The same of the later of the same of the later of the lat	
	Théorie d'automation	
G	Rozenberg Same Remarks on Rabin and Scott's Notion of Multitane Automaton	215

H.	Steinhaus, Computing by Sampling the Relative Number of Defectuous Items in the Lot	653
	Physique	
	Physique théorique	
L.	Dubikajtis, R. S. Ingarden and A. Kossakowski, On Regularity of Information	55
	S. Ingarden, Higher Order Temperatures and Coherence of Light	57
z.	tum Mechanics Petru, On Some Identities for Green's Functions in the Hydrodynamical Approximation.	61
G	I. Ordinary Fluid Z. Czajkowski, Time Evolution of a System with a Stochastic Hamiltonian	67 131
	Czyż and L. Leśniak, Elastic and Almost Elastic Scattering of High Energy Protons from Deuterium	137
J.	Karwowski, Effect of Doubly Excited Configurations on the Locations of Electronic	
	States in Benzene	141
J.	Lukierski, Renormalizable Four-dimensional Derivative Coupling Model	219
	Garczyński, One Conjecture Connected with Haag's Theorem in Scattering Theory Garczyński, Generalized Haag's Theorem for the Jost Model and Interpolating Field	227
	for a General Wightman Field	231
J.	Klamut, Interval of the Transition Temperatures in Uniaxial Ferromagnets	237
G.	Kozlowski, The Influence of the Domain Structure on the Curie Temperature in Uniaxial Ferromagnets with Monoionic Anisotropy	245
J.	Śniatycki, On Commutation Relations for the Energy-Momentum Tensor	249
W.	Hanus, H. Janyszek and A. Rakowski, Physical Interpretation of a Group of Trans-	0.50
7	formations Including Those of Foldy—Wouthuysen and Cini-Touschek	253
J.	Karwowski, J. Wasilewski and W. Woźnicki. On the Inclusion of Doubly Excited Configurations in SCF MO CI Calculations for Some Heterobenzenes	259
L	T. Łopuszański, On the Generalization of the Jost-Schroer Theorem	337
	Kuchowicz, Extensions of the External Schwarzschild Solution	341
	Lukierski, The Definition of Creation and Annihilation Operators of Covariant	343
A	Unstable Particle	349
	Kozłowski, A Test for Spin Determination in Three Body Parity Conserving Decays	
	of the Type $s \rightarrow 1/2+0+0$	353
J.	Czerwonko, On the Lower Bound of the Ground-state Energy of Uniaxial Antiferro-	
	magnetics	421
J.	Czerwonko and J. Przystawa, On the Magnetization Direction in the Anisotropic	
	Heisenberg Type Ferromagnet	425
J.	Lukierski, The Generalized Scattering Amplitudes for Covariant and Local Unstable	421
n	Particles	431
J.		
337	Uniaxial Ferromagnets with Domain Structures	515 523
L.	Królikowski, Are Two-Gamma Decays Universal?	527
L.	Wojtczak, Statistical Approach to Thin Film Ferromagnetism	535
E.		539
	Cukierda and J. Lukierski, Covariant Theories of Antisymmetric Massive Tensor	

M.	B. Garszyńska, On the Static Spin Susceptibility of Superconductors with P-pairing	
1	and Collective Excitations	663
Z.	Galasiewicz, Some Remarks on the Hydrodynamic Equations with Viscous Terms	
7	for the Bose Superfluid	751
Z.	Galasiewicz, Connections between Two-legs and Three-legs Green's Functions for	757
J.	the Superfluid Bose Systems	757
J.	Relations	821
J.	Bolewski, Analogy of the Kawarabayashi—Suzzki Relation for the Vector Mesons	041
	of the Isosinglets	899
J.	Lukierski and L. Turko, The Application of Reduction Formulae in Zachariasen—	
	Thirring Model with Two Coupling Constants	905
W.	Królikowski, Breaking of SU(3) and Partial Conservation of Vector Currents	961
	Physique expérimentale	
A.	Bączyński and J. Bissinger, Luminescence Properties of β -diketone Chelates. The	
	Vibronic Structure of Emission Spectra of Dibenzoylmethane Chelates	73
	Szymański, Trapping of Current Carriers in para-(Poly-phenyl) and Its Oligomeres	149
Z.	Ruziewicz and H. Głuchowska, Quasi-linear Phosphorescence Spectra of 1-azatri-	-
	phenylene Solutions at 77°K	153
M.	Łukaszewski and K. Rosiński, Dephasing Collisions in Optical Pumping Experiment	250
M	in Sodium Vapour	359
IVI.	Heat of KDP Crystals	365
H	Męczyńska and H. L. Oczkowski, Electroluminescence Spectra of Silver Halide	303
11.	Crystals at Low Temperatures	445
R.	K. Bauer and K. I. Rudik, Anisotropy of Fluorescence Emission in Phtalimide Solutions	543
	Łożykowski, H. Męczyńska and H. L. Oczkowski, Electroluminescence of Silver	
	Halides	597
A.	Jabłoński, On the Determination of Directions of Transition Moments in Luminescent	
	Molecules	601
J.	Pietrzak and S. Hoffmann, Pure Nuclear Quadrupole Resonance Spectrum of Chloro-	A Live
	acetic Anhydride	605
A.	Bączyński, External Heavy Atom Effect on the Vibronic Structure of Slow Fluorescence	C00
A	Spectrum of Naphtalene	609
A.	Szymański, Determination of Trap Level Distribution from the Study of Space Charge Limited Currents	669
M.	Łukaszewski and A. Sieradzan, Effect of Foreign Gas on the Modulation Pheno-	005
	mena in Resonance Fluorescence of 199Hg Vapour	677
H.	L. Oczkowski, Luminescence of Hexagonal Crystals of Silver Iodide	825
	J. Horodecki, A. Kawski and J. Czajko, On the ZnS-Crystal Growth by Chemical	
	Transport Reactions	831
A.	Jabłoński, Does the Intensity Distribution within the Photoluminescence Band Depend	
	on the Frequency of the Exciting Light? Additional Remark	835
	Рудик, О предельной поляризации флуоресценции растворов фталимидов	911
	Rozpłoch, Purity of Pyrolytic Graphite	917
A.	J. Horodecki and A. Kawski, Influence of Deviations from the Stoichiometric	925
I.	Composition on the Luminescence of ZnS Crystals in the Presence of Iodine Danielewicz-Ferchmin, Dielectric Polarization and Saturation in Primary, Secondary	723
1.	and Tertiary Pentanol	965

LISTE DES AUTEURS DU VOLUME XVI

Altman M. 741 Antosik Ł. 641, 787 Apostoł C. 181

Bałaban T. 51
Banaschewski B. 169
Bauer R. K. 543
Baczyński A. 73, 609
Benda M. 453
Bessaga C. 117
Bhargava M. 29
Białynicki-Birula A. 81
Birkholc A. 651
Bissinger J. 73.
Bogdanowicz W. M. 401,497
Bolewski J. 899
Bowszyc C. 845
Brzeziński J. 375
Бжыхчы С. 175
Butlewski Z. 863

Charatonik J. J. 931 Charzyński Z. 793 Ciorănescu I. 721 da Costa N. C. A. 551 Cukierda T. 675 Czajko J. 831 Czajkowski G. Z. 131 Czerwonko J. 421, 425 Czyż W. 137 Czyżo E. 593

Danielewicz-Ferchmin I. 965 Dash P. C. 387 Dembiński P. 415 Drewnowski L. 809, 877, 883 Drozdowski M. 365 Дрыя М. 125 Dubikajtis L. 55, 327, 551 Dwinger Ph. 559 Dziubiński I. 477

Engelking R. 277, 629

Figiel T. 185 Foiaș C. 505 Frolík Z. 269

Galasiewicz Z. 751, 757 Garczyński W. 227, 231 Garszyńska M. B. 663 Gęba K. 699 Gilewski J. 481 Głuchowska H. 153 Gmurczyk A. 9 Goebel K. 27, 733 Goetz A. 747 Granas A. 15 Green M. D. 457 Grodzki Z. 333 Grzegorczyk A. 687 Guściora H. 327

Hanus W. 253 Hirschfeld R. A. 195 Hoffman S. 605 Holsztyński W. 21, 161, 189 Гольштынский В. 383, 765

Илиадис C. 765 Infeld E. 539 Ingarden R. S. 55, 57, 61

Horodecki A. J. 831, 925

Jabłoński A. 601, 835 Janyszek H. 253 Jasek B. 33

Kamthan P. K. 387 Karwowski J. 141, 259 Kaufman H. 29 Kawski A. 831, 925 Klamut J. 237, 515 Kopeć J. 93, 857 Kossakowski A. 55, 61, 349 Kotkowski B. 871, 951 Kowalski Z. 297, 303, 393 Kozłowski G. 245 Kozłowski M. 353 Krajewski T. 365 Krakus B. 737 Kritt B. 497, 865 Królikowski W. 523, 961 Krzyż J. 99 Krzyżewski K. 465 Kuchowicz B. 341, 437 Kuczma M. 717

Lal S. N. 287 Lasota A. 645, 711

Kuratowski K. 283

Kwasowiec W. 511

Leśniak L. 137 Lukierski J. 219, 343, 431, 657, 905 Lusztig G. 461

Ławruk B. 489 Ławrynowicz J. 771 Łopuszański J. T. 337 Łożykowski H. 597 Łukaszewski M. 359, 677

Malviya B. D. 635 Maroni P. 703 Matuszewska W. 801 Meder J. 201 Metzler R. 495 Męczyńska H. 445, 597 Mikusiński J. 47, 727, 787 Mostowski A. W. 593 Moszyńska M. 3 Musielak J. 317

Narkiewicz W. 621 Nowak J. 815

877, 883

Oczkowski H. L. 445, 597, 825 Огиевецкий И. И. 103 Oktaba W. 409 Olech C. 711 Opial Z. 645 Orlicz W. 317, 801, 809,

Petru Z. 67 Pietrzak J. 605 Przeworska-Rolewicz D. 577 Przystawa J. 425 Pych P. 779

Rakowski A. 253 Ram R. D. 469 Rautenberg W. 837 Retherford J. R. 293 Rolewicz S. 489, 577 Rosiński K. 359 Roy Chowdhury A. N. 955 Rozenberg G. 215 Rozpłoch F. 917 Rudik K. I. 543 Рудик K. 911 Ruziewicz Z. 153 Saade M. 819
Senft J. R. 747
Sieklucki K. 87
Sieradzan A. 677
Siewierski L. 573, 575
Skórnik K. 581
Sławny J. 821
Słowikowski W. 107, 113
Smajdor H. 717
Steinhaus H. 653
Suciu I. 505
Suzuki Y. 265
Szafraniec F. H. 937, 943,

Szufla S. 311, 795 Szymański A. 149, 669 Szynal D. 889, 895

Śladkowska J. 793 Śniatycki J. 249

Taberski R. 37 Telgársky R. 1, 567, 625 Thompson A. H. 121 Traczyk T. 369 Turko L. 905

Urbanik K. 209, 481

Wasilewski J. 259 Waszkiewicz J. 683 Weber C. 851 Welch John N. 401 Węglorz B. 449, 683 Wilmers G. M. 693 Wisniewski K. 615 Wojtczak L. 527, 535 Woźnicki W. 259

Zajac Š. 527 Zuber R. 587

Żelazko W. 195

U. of ILL. LIBRARY

MAR 1 4 1969

CHICAGO CIRCLE